

### REMARKS/ARGUMENTS

This paper is submitted in response to a non-final Office Action dated June 1, 2006. Before the issuance of the non-final Office Action, claims 1-13 and 15-27 were pending. Claims 1, 2, 5-7, 10, 11, 15, 16, 19-21, 24, and 25 are currently amended in this response. Claims 3 and 17 are canceled in this response. Accordingly, claims 1-2, 4-13, 15-16 and 18-27 remain pending.

#### **Drawing Objections under 37 C.F.R. 1.84(p)(5)**

The drawings were objected to as failing to comply with 37 C.F.R. 1.84(p)(5) because they included reference characters not mentioned in the description. The specification has been amended as set forth above to clarify the invention. Support for the amendment to paragraph 47 beginning on page 19 may be found within the same paragraph where the element 242 is discussed in FIGURE 2 where element 242 refers to AAJ and element 252 refers to NDS. Applicants assert that the Examiner's concerns are obviated and the objection should be withdrawn.

#### **Drawing Objections under 37 C.F.R. 1.84(p)(4)**

The drawings were objected to as failing to comply with 37 C.F.R. 1.84(p)(4) because reference character "210" in Figure 2 has been used to designate both "Metadata" and "Author = AEJ; NDS." The specification and drawings have been amended as set forth above to clarify the invention. Applicants assert that the Examiner's concerns are obviated and the objection should be withdrawn.

### **Claim Rejections under 35 U.S.C. 112**

Claims 1-13 and 15-27 were rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicants regard as the invention. The claims have been amended as set forth above to clarify the invention. Applicants assert that the Examiner's concerns are obviated and the rejection should be withdrawn.

### **Claim Rejections under 35 U.S.C. 102(e)**

Claims 1, 3-5, 15, and 17-19 were rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent Application Publication No. 2002/0107861 ("Clendinning"). Independent claims 1 and 15 have been amended.

With regard to independent claim 1, claim 1 has been amended to recite receiving a first document containing first document data and a link to a second document; parsing the first document data into one or more first document segments; and parsing the second document data into one or more second document segments. Support for this amendment may be found, for example, at paragraphs 36, 37, and 42 where documents on a network are connected by links that, for example, could be followed. For example, automated crawling between multiple documents not only facilitates the processing of numerous documents, but also allows the training of a gatherer to discover other meaningfully related to increase accuracy of statistical modeling. (par. 48).

Clendinning discloses information collected by a human operator (Clendinning, at par. 35), directly from a vendor (par. 36), or scraped from individual websites (Clendinning, at par. 37). Clendinning does not teach or suggest receiving a first document with a link to a second document and parsing both documents. Further, Clendinning makes no discussion of learning based on statistical modeling. In fact, Clendinning teaches away from learning based on statistical modeling by relying on learning based on what the product identifiers relate to. (Clendinning, at par. 15). As such, Clendinning does not teach or otherwise suggest receiving a first document containing first document data and a link to a second document; parsing the first document data into one or more first document segments; and parsing the second document data into one or more second document segments. Claim 1 is allowable.

With regard to claim 3, claim 3 has been canceled.

With regard to claim 4, Clendinning fails to teach or otherwise suggest receiving a first document containing first document data and a link to a second document; parsing the first document data into one or more first document segments; and parsing the second document data into one or more second document segments. Claim 4 is allowable.

With regard to claim 5, Clendinning fails to teach or otherwise suggest receiving a first document containing first document data and a link to a second document; parsing the first document data into one or more first document segments; and parsing the second document data into one or more second document segments. Claim 5 is allowable.

With regard to independent claim 15, claim 15 has been amended to recite receiving a first document containing first document data and a link to a second document; parsing the first document data into one or more first document segments; and parsing the second document data into one or more second document segments. Support for this amendment may be found, for example, at paragraphs 36, 37, and 42 where “crawling” between documents on a network is discussed. Automated crawling between multiple documents, for example, not only facilitates the processing of numerous documents, but also allows the training of a gatherer to discover other related documents needed for statistically modeling. (par. 48).

Clendinning discloses information collected by a human operator (Clendinning, at par. 35), directly from a vendor (par. 36), or scraped from individual websites (Clendinning, at par. 37). Clendinning does not teach or suggest receiving a first document with a link to a second document and parsing both documents. Further, Clendinning makes no discussion of learning based on statistical modeling. In fact, Clendinning teaches away from learning based on statistical modeling by relying on learning based on what the product identifiers relate to. (Clendinning, at par. 15). As such, Clendinning does not teach or otherwise suggest receiving a first document containing first document data and a link to a second document; parsing the first document data into one or more first document segments; and parsing the second document data into one or more second document segments. Claim 15 is allowable.

With regard to claim 17, claim 17 has been canceled.

With regard to claim 18, Clendinning fails to teach or otherwise suggest receiving a first document containing first document data and a link to a second document; parsing the first

document data into one or more first document segments; and parsing the second document data into one or more second document segments. Claim 18 is allowable.

With regard to claim 19, Clendinning fails to teach or otherwise suggest receiving a first document containing first document data and a link to a second document; parsing the first document data into one or more first document segments; and parsing the second document data into one or more second document segments. Claim 19 is allowable.

**Claim Rejections under 35 U.S.C. 103(a)**

Claims 2, 6-13, 16, and 20-27 were rejected under 35 U.S.C. 103(a) as being unpatentable over Clendinning in view of U.S. Patent Application Publication No. 2004/0186827 ("Anick"). Claims 2, 5-7, 10, 11, 20, 21, 24 and 25 have been amended.

With regard to claim 2, Clendinning and Anick, either singly or in motivated combination, fail to teach or otherwise suggest receiving a first document containing first document data and a link to a second document; parsing the first document data into one or more first document segments; and parsing the second document data into one or more second document segments. Claim 2 is allowable.

With regard to claim 5, Clendinning and Anick, either singly or in motivated combination, fail to teach or otherwise suggest receiving a first document containing first document data and a link to a second document; parsing the first document data into one or more first document segments; and parsing the second document data into one or more second document segments. Claim 5 is allowable.

With regard to claim 6, Clendinning and Anick, either singly or in motivated combination, fail to teach or otherwise suggest receiving a first document containing first document data and a link to a second document; parsing the first document data into one or more first document segments; and parsing the second document data into one or more second document segments. Claim 6 is allowable.

With regard to claim 7, Clendinning and Anick, either singly or in motivated combination, fail to teach or otherwise suggest receiving a first document containing first document data and a link to a second document; parsing the first document data into one or more first document segments; and parsing the second document data into one or more second document segments. Claim 7 is allowable.

With regard to independent claim 10, claim 10 has been amended to recite an act of receiving a first document containing first document data and a link to a second document; an act of parsing the first document data into one or more first document segments; an act of receiving the second document containing second document data; and an act of parsing the second document data into one or more second document segments. Support for this amendment may be found, for example, at paragraphs 36, 37, and 42 where documents on a network are connected by links that, for example, could be followed. For example, automated crawling between multiple documents not only facilitates the processing of numerous documents, but also allows the training of a gatherer to discover other meaningfully related to increase accuracy of statistical modeling. (par. 48).

Clendinning discloses information collected by a human operator (Clendinning, at par. 35), directly from a vendor (par. 36), or scraped from individual websites (Clendinning, at par. 37). Clendinning does not teach or suggest receiving a first document with a link to a second document and parsing both documents. Further, Clendinning makes no discussion of learning based on statistical modeling. In fact, Clendinning teaches away from learning based on statistical modeling by relying on learning based on what the product identifiers relate to. (Clendinning, at par. 15). As such, Clendinning does not teach or otherwise suggest an act of receiving a first document containing first document data and a link to a second document; an act of parsing the first document data into one or more first document segments; an act of receiving the second document containing second document data; and an act of parsing the second document data into one or more second document segments. Claim 10 is allowable.

With regard to claim 11, claim 11 has been amended to recite following the link to the second document. Support for this amendment may be found, for example, at paragraphs 36, 37, and 42 where documents on a network are connected by links that, for example, could be followed. For example, automated crawling between multiple documents not only facilitates the processing of numerous documents, but also allows the training of a gatherer to discover other meaningfully related to increase accuracy of statistical modeling. (par. 48). Clendinning discloses information collected by a human operator (Clendinning, at par. 35), directly from a vendor (par. 36), or scraped from individual websites (Clendinning, at par. 37). Clendinning does not teach or otherwise suggest following links between documents. Further, Anick does not remedy the lack of teaching in Clendinning. As such Clendinning and Anick, either singly or in motivated combination, fail to teach or otherwise suggest an act of receiving a first document

containing first document data and a link to a second document; an act of parsing the first document data into one or more first document segments; following the link to the second document; an act of receiving the second document containing second document data; and an act of parsing the second document data into one or more second document segments. Claim 11 is allowable.

With regard to claim 12, Clendinning and Anick, either singly or in motivated combination, fail to teach or otherwise suggest an act of receiving a first document containing first document data and a link to a second document; an act of parsing the first document data into one or more first document segments; an act of receiving the second document containing second document data; and an act of parsing the second document data into one or more second document segments. Claim 12 is allowable.

With regard to claim 13, Clendinning and Anick, either singly or in motivated combination, fail to teach or otherwise suggest an act of receiving a first document containing first document data and a link to a second document; an act of parsing the first document data into one or more first document segments; an act of receiving the second document containing second document data; and an act of parsing the second document data into one or more second document segments. Claim 13 is allowable.

With regard to claim 16, Clendinning and Anick, either singly or in motivated combination, fail to teach or otherwise suggest receiving a first document containing first document data and a link to a second document; parsing the first document data into one or more

first document segments; and parsing the second document data into one or more second document segments. Claim 16 is allowable.

With regard to claim 20, Clendinning and Anick, either singly or in motivated combination, fail to teach or otherwise suggest receiving a first document containing first document data and a link to a second document; parsing the first document data into one or more first document segments; and parsing the second document data into one or more second document segments. Claim 20 is allowable.

With regard to claim 21, Clendinning and Anick, either singly or in motivated combination, fail to teach or otherwise suggest receiving a first document containing first document data and a link to a second document; parsing the first document data into one or more first document segments; and parsing the second document data into one or more second document segments. Claim 21 is allowable.

With regard to claim 22, Clendinning and Anick, either singly or in motivated combination, fail to teach or otherwise suggest receiving a first document containing first document data and a link to a second document; parsing the first document data into one or more first document segments; and parsing the second document data into one or more second document segments. Claim 22 is allowable.

With regard to claim 23, Clendinning and Anick, either singly or in motivated combination, fail to teach or otherwise suggest receiving a first document containing first document data and a link to a second document; parsing the first document data into one or more

first document segments; and parsing the second document data into one or more second document segments. Claim 23 is allowable.

With regard to independent claim 24, claim 24 has been amended to recite an act of receiving a first document containing first document data and a link to a second document; an act of parsing the first document data into one or more first document segments; an act of receiving the second document containing second document data; and an act of parsing the second document data into one or more second document segments. Support for this amendment may be found, for example, at paragraphs 36, 37, and 42 where documents on a network are connected by links that, for example, could be followed. For example, automated crawling between multiple documents not only facilitates the processing of numerous documents, but also allows the training of a gatherer to discover other meaningfully related to increase accuracy of statistical modeling. (par. 48).

Clendinning discloses information collected by a human operator (Clendinning, at par. 35), directly from a vendor (par. 36), or scraped from individual websites (Clendinning, at par. 37). Clendinning does not teach or suggest receiving a first document with a link to a second document and parsing both documents. Further, Clendinning makes no discussion of learning based on statistical modeling. In fact, Clendinning teaches away from learning based on statistical modeling by relying on learning based on what the product identifiers relate to. (Clendinning, at par. 15). As such, Clendinning does not teach or otherwise suggest an act of receiving a first document containing first document data and a link to a second document; an act of parsing the first document data into one or more first document segments; an act of receiving

the second document containing second document data; and an act of parsing the second document data into one or more second document segments. Claim 24 is allowable.

With regard to claim 25, claim 25 has been amended to recite an act of following the link to the second document. Support for this amendment may be found, for example, at paragraphs 36, 37, and 42 where documents on a network are connected by links that, for example, could be followed. For example, automated crawling between multiple documents not only facilitates the processing of numerous documents, but also allows the training of a gatherer to discover other meaningfully related to increase accuracy of statistical modeling. (par. 48). Clendinning discloses information collected by a human operator (Clendinning, at par. 35), directly from a vendor (par. 36), or scraped from individual websites (Clendinning, at par. 37). Clendinning does not teach or otherwise suggest an act of following links between documents. Further, Anick does not remedy the lack of teaching in Clendinning. As such Clendinning and Anick, either singly or in motivated combination, fail to teach or otherwise suggest an act of receiving a first document containing first document data and a link to a second document; an act of parsing the first document data into one or more first document segments; an act of flowing the link to the second document; an act of receiving the second document containing second document data; and an act of parsing the second document data into one or more second document segments. Claim 25 is allowable.

With regard to claim 26, Clendinning and Anick, either singly or in motivated combination, fail to teach or otherwise suggest an act of receiving a first document containing first document data and a link to a second document; an act of parsing the first document data

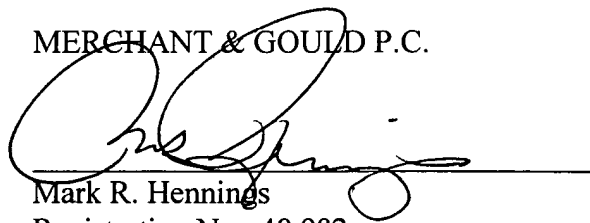
into one or more first document segments; an act of receiving the second document containing second document data; and an act of parsing the second document data into one or more second document segments. Claim 26 is allowable.

With regard to claim 27, Clendinning and Anick, either singly or in motivated combination, fail to teach or otherwise suggest an act of receiving a first document containing first document data and a link to a second document; an act of parsing the first document data into one or more first document segments; an act of receiving the second document containing second document data; and an act of parsing the second document data into one or more second document segments. Claim 27 is allowable.

In view of the foregoing amendments and remarks, all pending claims are believed to be allowable and the application is in condition for allowance. Therefore, a Notice of Allowance is respectfully requested. Should the Examiner have any further issues regarding this application, the Examiner is requested to contact the undersigned attorney for the applicants at the telephone number provided below.

Respectfully submitted,

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